

Converting Colors

Hex(3696EC)

Have a look what the booklet for
Hex(3696EC) contains.

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Color

Hex(3696EC)

Conversions

Conversions Part 1

Format	Color
Hex	3696EC
RGB	54, 150, 236
RGB Percent	21%, 59%, 93%
CMY	0.7882, 0.4118, 0.0745
CMYK	0.77, 0.36, 0.00, 0.07
HSL	208°, 83%, 57%
HSV	208°, 77%, 93%
XYZ	27.5680, 28.6531, 83.4345
YIQ	131.1000, -84.8220, 6.3940

Conversions

Conversions Part 2

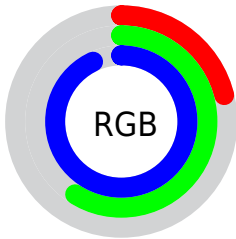
Format	Color
RYB	54, 117, 236
Decimal	3577580
CIELab	60.47, 1.34, -51.17
CIElCh	60, 51.183, 271.503
Yxy	28.6531, 0.1974, 0.2052
Android (android.graphics.Color)	4281767660 (0xFF3696EC)
YUV	131.1000, 51.7157, -67.6167
Hunter-Lab	53.5286, -1.7450, -54.9448

Details

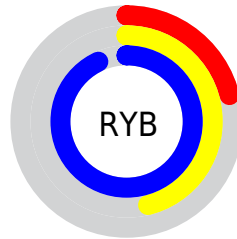
The Hex color **3696EC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **EC8C36**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7DCCFF**, and **0064B4** is the 20% darker color. If you saturate the color by 10%, you get **1E8BEC**, and if you desaturate by 10%, it is **4EA1EC**.

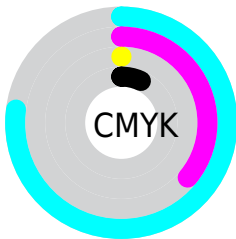
Distribution



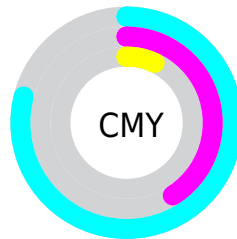
- Red (21%)
- Green (59%)
- Blue (93%)



- Red (21%)
- Yellow (46%)
- Blue (93%)



- Cyan (77%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (79%)
- Magenta (41%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3696EC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 3696EC by changing the saturation by 10% instead.

 3696EC

 3696EC

FFFFFF

 007CCF

 7DCCFF

 0064B4

 9DE8FF

 004C98

 BCFFFF

 00367E

 DBFFFF

 002264

 FAFFFF

 000A4C

 000534

 00021E

 000001

■ 3696EC

■ 3696EC

■ 1E8BEC

■ 4EA1EC

■ 0780EC

■ 65ACEC

■ 007CEC

■ 7DB7EC

■ 94C3EC

■ ACCEEC

■ C4D9EC

■ DBE4EC

■ F3EFEC

■ FFFAEC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00A2E0



3696EC



9785DF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3696EC



E27065



3BA565

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3696EC



EC8C36

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7B9D41



3696EC



CD8042

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3696EC



E36A91



A99032



00A893

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3696EC



BD79CB



A99032



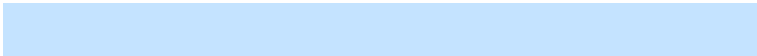
55A357

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3696EC



C4E3FF



36EC8B



5C6F80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3696EC



128FFF



363CEC



6A7075



005FB5



001C36

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EC3696



FF128F



ECE636



756A70



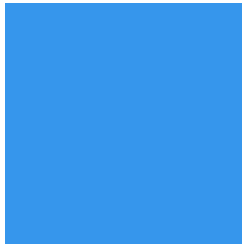
B5005F



36001C

Previews

White Background



This preview shows how the Hex color 3696EC looks on a white background.

Color Contrast Check

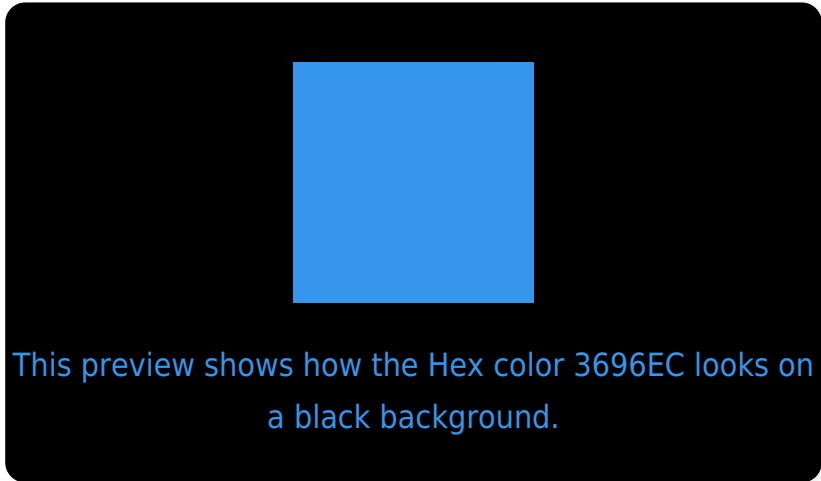
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

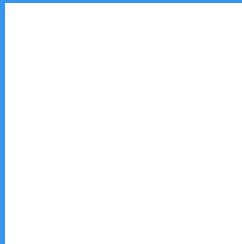
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3696EC Background



This preview shows how black text looks on a background with the Hex color 3696EC.

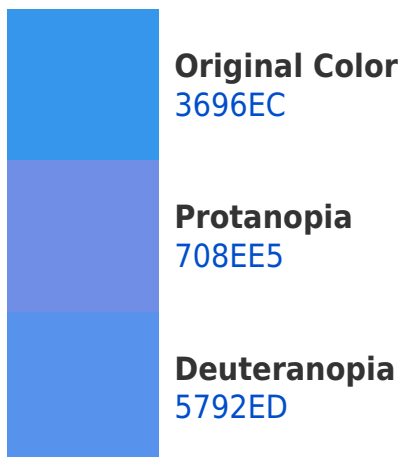


This preview shows how white text looks on a background with the Hex color 3696EC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

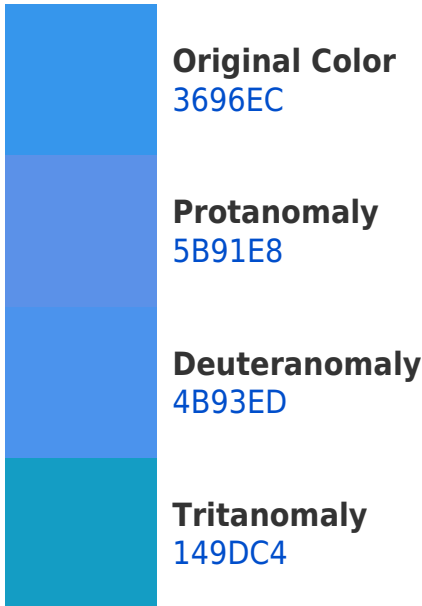
Dichromacy





Tritanopia
00A1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3696EC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #3696EC looks like.

```
.text, #text, p{  
    color:#3696EC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #3696EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3696EC
}
```

Border

The CSS property to change the border of an element to Hex 3696EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3696EC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#3696EC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #3696EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3696EC; -webkit-box-shadow:4px 4px  
4px 4px #3696EC; box-shadow:4px 4px 4px  
4px #3696EC }
```

Background

The CSS property to change the background color of an element to Hex 3696EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3696EC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#3696EC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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